

Chapter 1 Points, Lines, Planes, and Angles

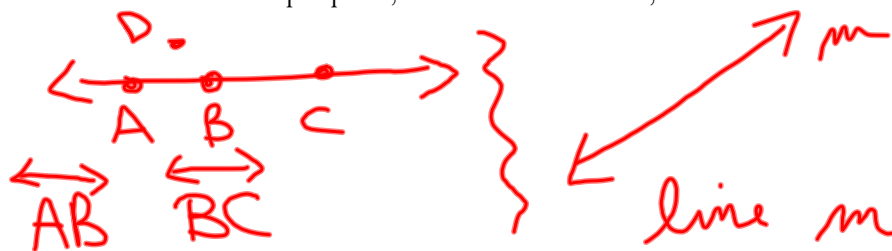
1-1 Points, Lines, and Planes

point location; no size; no thickness

A •

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line made up of points; infinite in both directions; no thickness



collinear points--points on the same line

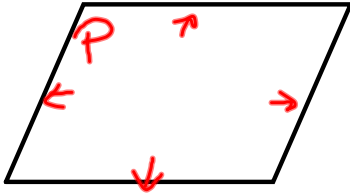
$A, B, \text{ + } C$ are collinear

$A, B, \text{ + } D$ are not collinear

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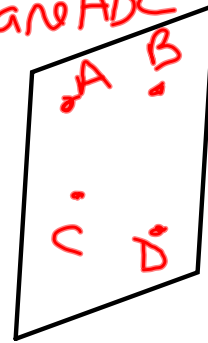
plane flat surface; infinite in all directions

plane P



Horizontal

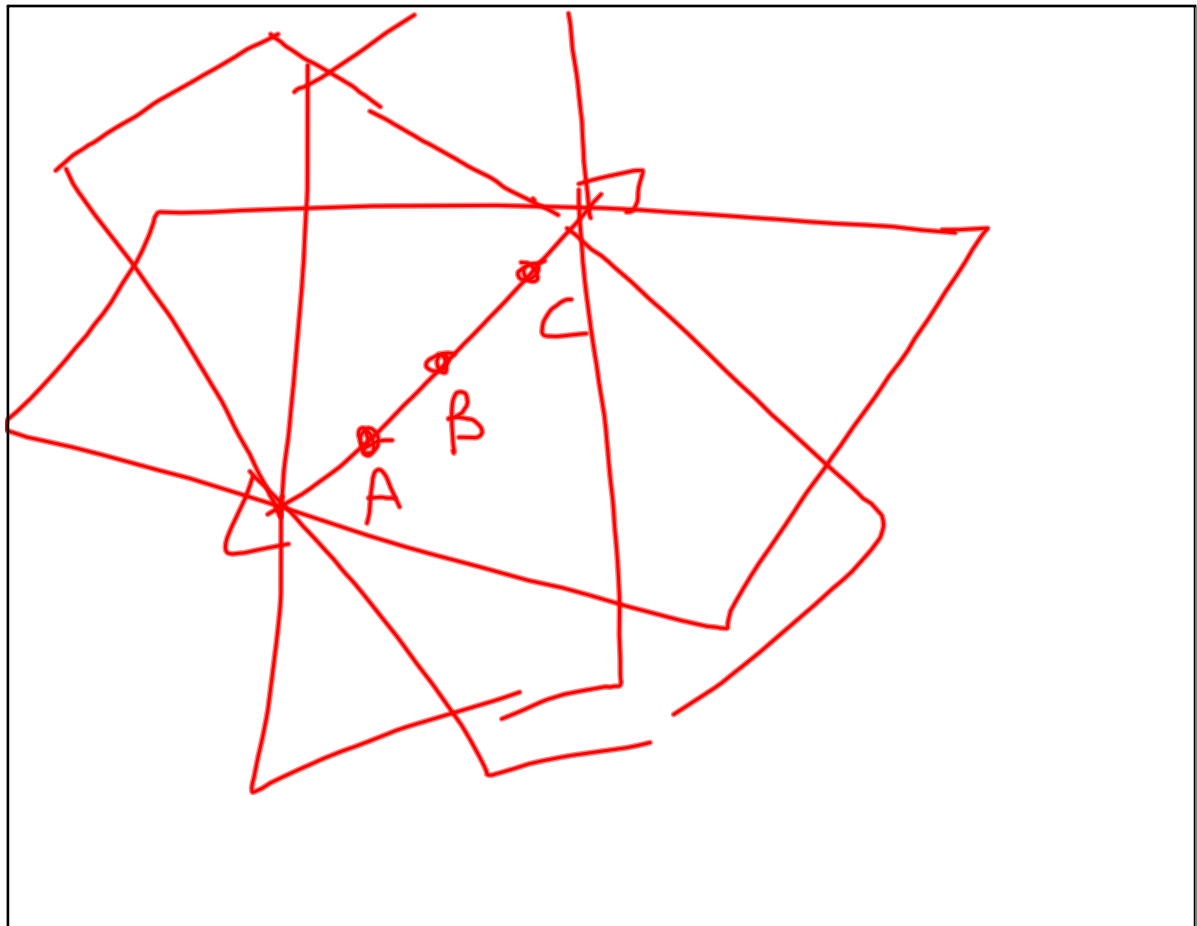
plane ABC



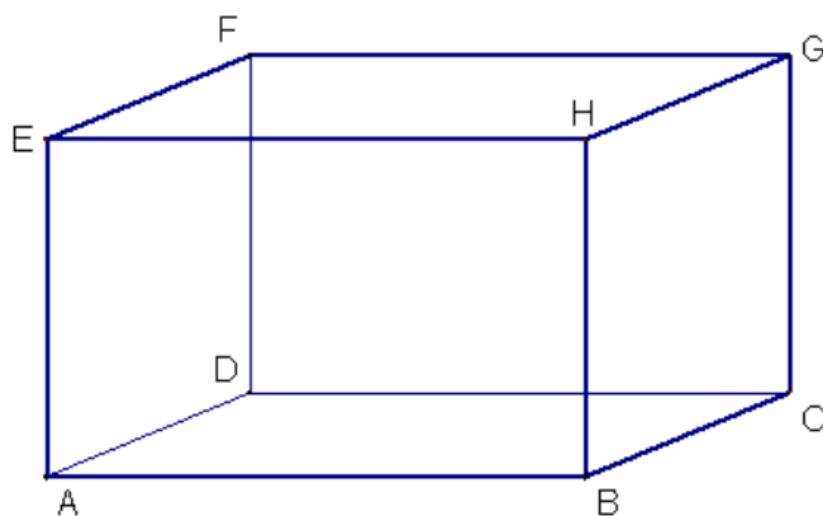
Vertical

coplanar points-- points on the same plane

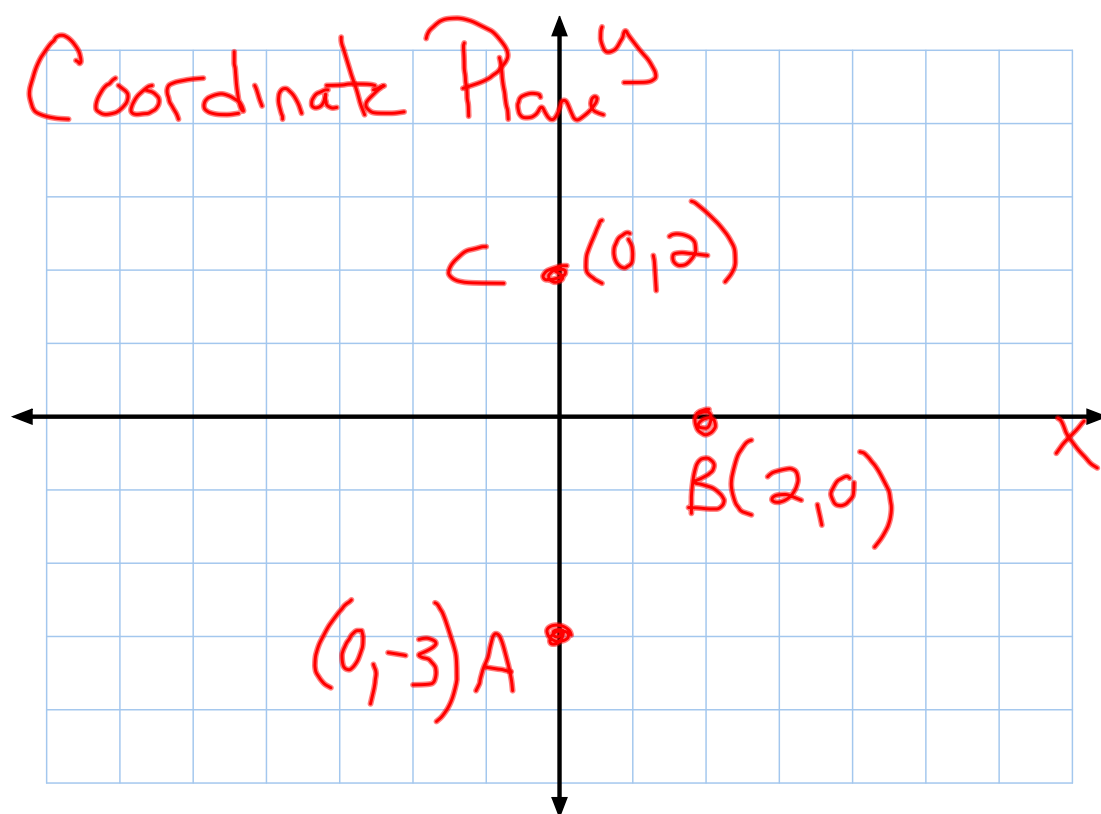
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Sep 16-2:09 PM



Sep 10-2:26 PM



Sep 10-2:31 PM

Space--set of all points

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Homework

p 9-10

#s 13-18, 21-26, 30-35

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